



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/697,734	10/25/2000	Daniel H Craft	07844-461001	4542
21876	7590	03/12/2004	EXAMINER	
FISH & RICHARDSON P.C. 3300 DAIN RAUSCHER PLAZA MINNEAPOLIS, MN 55402			NGUYEN, LE V	
			ART UNIT	PAPER NUMBER
			2174	

DATE MAILED: 03/12/2004

14

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/697,734

Applicant(s)

CRAFT, DANIEL H

Examiner

Le Nguyen

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

DETAILED ACTION

1. This communication is responsive to Amendment B, filed 10/10/03.
2. Claims 1-9 are pending in this application. Claims 1 and 5 are independent claims and have been amended.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 103

4. Claims 1-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Winsky et al. ("Winsky", US 5,774,109) in view of Blumenthal (US 6,026,409) and further in view of Screen Dumps of Microsoft Word ("MS Word").

As per claim 1, Winsky teaches a computer-implemented method of displaying a document on a display device, comprising: receiving a user input (col. 4, lines 8-9 and lines 19-21; col. 5, lines 7-16; *input such as markers*), selecting a location in a document displayed in a display pane (col. 4, lines 8-9 and lines 19-21; col. 5, lines 7-16; *users may mark any part of the selection including a stopping point delineating a read and unread portion*) and requesting a show-me operation that differentiates between read and unread portions of the document and, in response to the input (col. 11, line 38; *the operation may be selected or set*), performing the show-me operation by: displaying a visual reference mark indicating the location in the pane, the visual reference mark delineating the read portion of the document from the unread portion of the document (col. 4, lines 33-38; *a user selects a location in a document, a stopping point*

Art Unit: 2174

delineating a read and unread portion, and "the gauge" keeps track and displays read and unread portions of the document wherein the gauge has a visual reference mark indicating the location in the pane that delineates the read portion of the document from the unread portion of the document) then smoothly scrolling the document and the reference mark in the pane until the selected location is at a target location in the pane (col. 4, lines 39-44; col. 5, lines 51-53).

Winsky does not explicitly disclose removing the visual reference mark. Blumenthal teaches a computer-implemented method of displaying a document on a display device, comprising receiving a user input and, in response to the input, displaying a visual reference mark indicating the location in the pane and then removing the visual reference mark (col. 13, lines 17-62).

Therefore, it would have been obvious to an artisan at the time of the invention to include Blumenthal's teaching of removing a visual reference mark after a selected location is at a target location in a document display to Winsky's teaching of visual reference marks and scrolling until the selected location is at a target location in a document display in order to allow users to input a new selection without cluttering the display area with visual reference marks from the previous selection.

However, Blumenthal and Winsky still do not explicitly disclose automatically scrolling the document and automatically stopping the scrolling when the selected location is at a target location in the pane. MS Word teaches automatically scrolling the document and automatically stopping the scrolling when the selected location is at a target location in the pane (figs. 1-2; *upon entering the search text and selecting "Find Next", MS Word automatically scrolls the document and automatically stops the scrolling at point 200 (from point 100) when the selected location is at a target location 210*). Therefore, it would have been obvious to an artisan at the

time of the invention to include MS Word's method of automatically scrolling the document and automatically stopping the scrolling when the selected location is at a target location in the pane to the modified Blumenthal and Winsky's method of scrolling the document until the selected location is at a target location in the pane in order to provide users with a method for searching text.

As per claim 2, the modified Blumenthal, Winsky and MS Word teaches a computer-implemented method of displaying a document on a display device wherein the user input selects a location corresponding to a line of text (Blumenthal: col. 19, lines 39-41).

As per claim 3, the modified Blumenthal, Winsky and MS Word teaches a computer-implemented method of displaying a document on a display device, wherein the user input selects a location corresponding to a graphic object (Blumenthal: col. 21, lines 66-67; col. 22, lines 21-24).

As per claim 4, the modified Blumenthal, Winsky and MS Word teaches a computer-implemented method of displaying a document on a display device wherein the user input selects a location corresponding to a video object (Blumenthal: col. 22, lines 6-15).

Claim 5 is similar in scope to claim 1 and is therefore rejected under similar rationale.

As per claim 6, the modified Blumenthal, Winsky and MS Word teaches a computer-implemented method of displaying a document on a display device comprising instructions to receive a user input pointing to a text location of text in the document (Blumenthal; col. 19, lines 39-41), draw the reference mark as a reference line perpendicular to a scrolling direction and intersecting the text location (Blumenthal; fig. 2; col. 10, lines 44-46) and smoothly scroll the document and the reference line to the target location (Winsky; col. 5, lines 51-53), the target

location being close to a start edge of the pane (Blumenthal, col. 10, lines 49-50; col. 19, lines 59-65).

As per claim 7, the modified Blumenthal, Winsky and MS Word teaches a computer-implemented method of displaying a document on a display device comprising instructions wherein the target location is within two text lines of the start edge of the pane (Winsky: fig. 7A).

As per claim 8, the modified Blumenthal, Winsky and MS Word teaches a computer-implemented method of displaying a document on a display device comprising instructions to highlight a line of text at the location at a time the location is selected, highlight being the reference mark (Blumenthal: col. 4, lines 36-37).

As per claim 9, the modified Blumenthal, Winsky and MS Word teaches a computer-implemented method of displaying a document on a display device comprising instructions to highlight a line of text at the location at a time the location is selected, the highlight being supplemental to the reference mark (Blumenthal: col. 15, lines 21-25) and remove the highlight no later than when the reference mark is removed (Blumenthal: col. 13, lines 17-62).

Response to Arguments

5. Applicant's arguments with respect to claims 1-9 have been considered but are moot in view of the new ground(s) of rejection.

Inquires

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lê whose telephone number is (703) 305-7601. The examiner can normally be reached on Monday - Friday from 5:30 am to 2:00 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (703) 308-0640.

The fax numbers for the organization where this application or proceeding is assigned are as follows:

(703) 872-9306 [Official Communication]

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

LVN
Patent Examiner
March 6, 2004

Kristine Kincaid
KRISTINE KINCAID
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100